

IN THE CLAIMS

Please cancel claims 1-5, 7, 8, 10, 12-15 and 17.

Please amend the claims as follows.

1-5 (Cancelled)

1 6. (Currently Amended) [The radio receiver of claim 5 further comprising:] A radio
2 receiver comprising:
3 a tuner that provides an audio output for a selected radio station;
4 a voice-only detection mechanism that monitors the audio output of the tuner, and
5 that provides a first output indication when the audio output of the tuner is mostly voice,
6 and that provides a second output indication when the audio output of the tuner is mostly
7 music;
8 a radio processor coupled to the voice-only detection mechanism, the radio
9 processor changing an operational mode of the radio receiver according to the first and
10 second output indications of the voice-only detection mechanism, wherein the radio
11 processor changes the tuner to a different radio station according to the first and second
12 output indications of the voice-only detection mechanism;
13 a spectrum analyzer coupled to the audio output of the tuner, the spectrum
14 analyzer storing a preferred frequency spectrum signature for a radio signal;
15 a second tuner coupled to the radio processor;
16 the radio processor scanning available radio stations using the second tuner to
17 locate a program that matches the preferred frequency spectrum signature within
18 predetermined criteria, and changing to a radio station that matches the preferred
19 frequency spectrum signature when the first output indication is received.

1 7. (Cancelled)

1 8. (Cancelled)

1 9. (Original) A radio receiver comprising:

2 a first tuner that provides a first audio output for a selected radio station;

3 an amplifier coupled to the audio output of the first tuner that provides an
4 amplified audio signal to at least one speaker,

5 a second tuner that provides a second audio output;

6 a spectrum analyzer coupled to the first and second audio outputs, the spectrum
7 analyzer storing a preferred frequency spectrum signature for a radio signal;

8 a voice-only detection mechanism that monitors the audio output of the first tuner,

9 and that provides a first output indication when the audio output of the first tuner is

10 mostly voice, and that provides a second output indication when the audio output of the
11 first tuner is not mostly voice;

12 a radio processor coupled to the voice-only detection mechanism and coupled to

13 the second tuner, the radio processor scanning available radio stations using the second

14 tuner to locate a program that matches the preferred frequency spectrum signature within

15 predetermined criteria, and changing the first tuner to a radio station that is currently

16 broadcasting a program that matches the preferred frequency spectrum signature when the

17 first output indication is received.

1 10-15 (Cancelled)

1 16. (Currently Amended) [The method of claim 10 further comprising the steps of:] A
2 method for changing an operational mode of a radio receiver, the method comprising the
3 steps of:
4 (A) analyzing an audio output of a tuner;
5 (B) providing a first output indication when the audio output is mostly voice;
6 (C) providing a second output indication when the audio output is mostly music;
7 (D) changing the operational mode of the radio receiver according to the first and
8 second output indications;
9 (E) storing a preferred frequency spectrum signature for a radio signal;
10 (F) scanning available radio stations to locate a program that matches the
11 preferred frequency spectrum signature within predetermined criteria;
12 (G) wherein step (D) changes the operational mode of the radio receiver by
13 changing the tuner to a radio station that is currently broadcasting a program that matches
14 the preferred frequency spectrum signature.

1 17. (Cancelled)

1 18. (Original) A method for changing the operational mode of a radio receiver, the
2 method comprising the steps of:
3 providing a first audio output for a selected radio station;
4 storing a preferred frequency spectrum signature for a radio signal;
5 monitoring the first audio output, and providing a first output indication when the
6 first audio output is mostly voice, and providing a second output indication when the first
7 audio output is not mostly voice;
8 scanning available radio stations to locate a program that matches the preferred
9 frequency spectrum signature within predetermined criteria; and
10 changing the first audio output to a different radio station that is currently
11 broadcasting a program that matches the preferred frequency spectrum signature when
12 one of the first and second output indications is received.

STATUS OF THE CLAIMS

Claims 1-10 and 12-18 are currently pending, and were appealed in an Appeal Brief filed on 11/15/04. The pending office action re-opened prosecution. In the pending office action, claims 1-5, 7, 8, 10, 12-15 and 17 were rejected. Claims 9 and 18 were allowed, and claims 6 and 16 were objected to. In this amendment, claims 1-5, 7, 8, 10, 12-15 and 17 have been cancelled, and claims 6 and 16 have been amended. Claims 6, 9, 16 and 18 are currently pending.